

PTO/SB/08A (08-03)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete If Known			
		Application Number	10/710,803		
		Filing Date	August 4, 2004		
		First Named Inventor	SMITH, Rixford		
		Art Unit	3641		
		Examiner Name	Unknown		
Sheet	1	of	3	Attorney Docket Number	50126-8

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code² (if known)			
		US-5,196,650	Mar-23-1993	Cytron	
		US-5,217,188	Jun-8-1993	Thole et al	
		US-6,340,498	Jan 22, 2002	Kirby et al	
		US-4,344,592	Aug-17-1982	Constantinescu	
		US-6,142,055	Nov-7-2000	Bogwarth et al	
		US-6,094,906	Aug-1-2000	Singer et al	
		US-5,792,981	Aug-11-1998	Singer et al	
		US-6,260,797	Jul-17-2001	Palmer	
		US-2,935,913	May-1960	WILSON JOHN L	
		US-930,927	Aug-1909	R. H. Berkstresser	
		US-2,845,741	Aug-1958	DAY HARRY I	
		US-475,071	May-1892	T. L. Willson	
		US-5,915,937	Jun-1999	Christensen, Roland	
		US-175,862	Apr-1876	C. A. King	
		US-4,685,236	Aug-1987	May, Sam	
		US-5,600,912	Feb-1997	Smith, David B.	
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code³	Number*Kind Code⁴ (if known)			
		EP	0033770	Aug-1981	Janssen et al	

Examiner Signature		Date Considered	3/27/06
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Sheet 2	of 3	Attorney Docket Number 50126-8

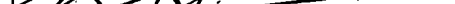
NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		www.astronautix.com , Martlet 4	
		Pennsylvania Machine Works: Materials Penn Machine, Materials (1 page)	
		High Performance Cement High Performance Cement for High Strength and Extreme Durability. Konstantin SOBOLEV	
		ABOUT metals Glossary by metalinfo.com	
		Space Guns, Space: Space Guns Vectors for May 1998, Greg Goebel	
		[3.0] Space Guns v1.0.0/3 of 6/01 maroz/gvgoebel@earthlink.net/publicdomain	
		Gun Launch for Orbital Vehicles, Dr Bruce P. Dunn Original Commentary posted in Sci.space newsgroups 1995, Revised 2001	
		Rocket History, Brief History of Rockets	
		How Satellites Work: Teacher Resource How Satellites Work	
		Basics of Space Flight Section III. Space Flight Operations Basics of Space Flight Chapter 14. Launch Phase	
	SciFWS article: What goes up stays up: Satellite basics for Sci-Fi writers. What goes up stays up: Satellite basics for Sci-Fi writers by Michael Jackman, April 22, 2001		

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